



California Public Utilities Commission

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PRESS RELEASE

Docket #: R.13-12-011

CPUC APPROVES WATER ENERGY NEXUS PILOT PROGRAMS DESIGNED TO HELP SAVE WATER AND ENERGY

SAN FRANCISCO, June 9, 2016 - The California Public Utilities Commission (CPUC) today approved first-in-the-nation Water Energy Nexus Advanced Metering Infrastructure (AMI) data collection and pilot programs to save water and energy.

Each utility filed a unique pilot proposal designed to probe the technical issues associated with shared use of existing energy utility AMI to obtain water smart meter data and advance water conservation programs that complements existing efforts to test shared infrastructure options.

Pacific Gas and Electric Company will implement a pilot with the East Bay Municipal Utility District to evaluate the potential to achieve water-energy savings by delivering high-resolution data to end-use customers using advanced analytics and reporting platforms. The pilot cost may not exceed \$400,000.

San Diego Gas and Electric Company (SDG&E), if it is successful in identifying one or more water agency partners, will implement a proposed pilot to assess the feasibility and scalability of utilizing SDG&E's network infrastructure to transmit water usage data. SDG&E may not exceed \$175,000 per water partner, but may partner with as many water partners as possible. The pilot cost may not exceed \$250,000.

Southern California Edison will implement a behavioral pilot with the City of Beverly Hills to leverage electric usage data from Edison's existing electric AMI infrastructure with water usage data from Beverly Hills' existing water AMI infrastructure pilot in a single display for presentation to the



customer. The pilot cost may not exceed \$50,000.

Southern California Gas Company will implement a pilot to gather data from water meters associated with San Gabriel Valley Water Company and transmit that data over the existing SoCalGas network that includes an analytics component for identification and evaluation of potential hot water leaks based on analysis of anomalous gas consumption patterns, and behavioral analytics on the combined gas and water usage data. Southern California Gas Company may add additional water partners, not exceed \$175,000 per water partner, and may partner with as many water partners as possible within the \$300,000 funding cap.

The results of utility pilot programs that test the impact of water and energy data delivery to consumers on conservation behaviors will further enable the exploration of technical issues associated with the shared use of advanced utility meters and the communication networks used by water and energy utilities around the state.

Said Commissioner Catherine J.K. Sandoval, who is assigned to this proceeding, “Our decision today authorizes first-in-nation Water Energy Nexus AMI data collection and pilot programs to save water and energy. Like communications-enabled wrist-band trackers millions of Americans use to improve their health, AMI speeds identification of water leaks and enables swift action to conserve water and the embedded energy in water. The data gathered through these pilots will empower consumers, water and energy utilities, system regulators, and planners to make more informed and timely decisions to protect California’s resources and enhance our state’s future.”

The proposal voted on is available at:

<http://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M162/K894/162894710.pdf>.

For more information about the CPUC, please visit www.cpuc.ca.gov.

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